

that the secretary send to President Roosevelt, Secretary of the Interior Ickes, Rep. H. L. Englebright of California, Senator Hiram W. Johnson, and to Mr. William G. Schulz, a petition for the preservation of the Sugar Pine Forests just outside Yosemite.

A letter from Dr. A. J. Grout thanking the club for his election to Honorary Life Membership was read.

For the scientific part of the program, Miss Lela V. Barton of the Boyce Thompson Institute talked on "Storage of Seeds." She demonstrated effectively how length of seed viability depended to a large extent upon the method of storage, and that different types of seeds required different storage conditions. The factors, temperature, moisture, and gaseous exchange, were shown to be of prime importance in preserving the life of the embryo, their effects being so inter-related that it was impossible to ascertain the separate influence of each.

The second speaker was Dr. John D. Guthrie, who discussed "Chemical Changes in Plant Tissue in Relation to Respiration and Dormancy." It is possible to break the dormancy of potato tubers by means of various chemicals, principally ethylene chlorhydrin, and potassium thiocyanate. An attempt was made to show how these chemicals brought about chemical changes in the tuber to increase respiration and stimulate growth. It was thought that the increase in glutathione in treated tubers had a direct bearing on this.

After some discussion, the meeting was adjourned.

D. ELIZABETH MARCY
Recording Secretary

MEETING OF MARCH 2

President Barnhart called the meeting to order at 8:15 P.M. at the American Museum of Natural History. Forty-three members and visitors were present. The following persons were unanimously elected to membership in the Club:

Lawrence M. Ames, Arnold Arboretum, Jamaica Plains, Mass.; Henry N. Andrews, Jr., Washington University, St. Louis, Mo.; Dr. Gladys E. Baker, 29 E. 29th Street, New York City; Prof. Stanley A. Cain, University of Tennessee, Knoxville, Tenn.; John D. Dwyer, 220 Danforth Ave., Jersey City, N. J.;

James L. Edwards, 27 Stanford Place, Montclair, N. J.; Mrs. Helen W. Fields, 72 Rutland Road, Brooklyn, N. Y.; Dr. Edna M. Lind, The University of Sheffield 10, England; Prof. Velma D. Matthews, Coker College, Hartsville, S. C., Prof. William J. Robbins, University of Missouri, Columbia, Mo.

Dr. E. J. Alexander of the New York Botanical Garden gave an interesting account of "Seed Collecting in the Rockies." The expedition had been sent out under the auspices of the New York Botanical Garden for the purpose of collecting seeds of plants suitable for horticultural adaptation. A wide area of the Rocky Mountains was covered, extending from Glacier National Park to central Colorado. Dr. Alexander showed many colored slides of the flora of the alpine and sub alpine regions.

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